#8

SEQUENCE LISTING

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Watanabe, Colin
Wood, William I.
Shek, Theresa

<120> EG-VEGF NUCLEIC ACIDS AND POLYPEPTIDES
AND METHODS OF USE

<130> GENENT.1516CP1

<140> 10/027,603
<141> 2001-12-19

<150> 09/886,242
<151> 2001-06-20

<150> 60/230,978
<151> 2000-09-07

<150> 60/213,637
<151> 2000-06-23

<150> 60/145,698
<151> 1999-07-26

<150> 60/096,146
<151> 1998-08-11

<150> PCT/US00/32678
<151> 2000-12-01

<150> PCT/US00/08439
<151> 2000-03-30

<150> PCT/US00/04914
<151> 2000-02-24

<150> PCT/US00/00219
<151> 2000-01-05

<150> PCT/US99/12252
<151> 1999-06-02

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<213> Homo sapiens

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acccagctcc catgactctc ccagtcccta cactgactac cctgatctct cttgtctagt 540
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<212> PRT
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<220>

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            20   25   30
Gly Ala Gly Thr Cys Cys Ala Ile Ser Leu Trp Leu Arg Gly Leu Arg
        35   40   45
Met Cys Thr Pro Leu Gly Arg Glu Gly Glu Glu Cys His Pro Gly Ser
    50   55   60
His Lys Val Pro Phe Phe Arg Lys Arg Lys His His Thr Cys Pro Cys
65   70   75   80
Leu Pro Asn Leu Leu Cys Ser Arg Phe Pro Asp Gly Arg Tyr Arg Cys
                85   90   95
Ser Met Asp Leu Lys Asn Ile Asn Phe
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<220>

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tcctcctagt aactgtgtct gactgtgctg tgatcacagg ggcctgtgag cgggatgtcc 180
agtgtggggc aggcacctgc tgtgccatca gcctgtggct tcgagggctg cggatgtgca 240
ccccgctggg gcgggaaggc gaggagtgcc accccggcag ccacaaggtc cccttcttca 300
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            20   25   30
Gly Gly Gly Met Cys Cys Ala Val Ser Ile Trp Val Lys Ser Ile Arg
        35   40   45
Ile Cys Thr Pro Met Gly Lys Leu Gly Asp Ser Cys His Pro Leu Thr
    50   55   60
Arg Lys Val Pro Phe Phe Gly Arg Arg Met His His Thr Cys Pro Cys
65   70   75   80
Leu Pro Gly Leu Ala Cys Leu Arg Thr Ser Phe Asn Arg Phe Ile Cys
                85   90   95
Leu Ala Gln Lys
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<212> PRT
<213> Snake

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Thr Cys Cys Ala Val Ser Leu Trp Ile Lys Ser Val Arg Val Cys Thr
            20   25   30
Pro Val Gly Thr Ser Gly Glu Asp Cys His Pro Ala Ser His Lys Ile
        35   40   45
Pro Phe Ser Gly Gln Arg Met His His Thr Cys Pro Cys Ala Pro Asn
    50   55   60
Leu Ala Cys Val Gly Thr Pro Lys Lys Phe Lys Cys Leu Ser Lys
65   70   75

<210> 6
<211> 83
<212> PRT
<213> Homo sapiens

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Arg Gly Leu Leu Phe Pro Val Cys Thr Pro Leu Pro Val Glu Gly Glu
            20   25   30
Leu Cys His Asp Pro Ala Ser Arg Leu Leu Asp Leu Ile Thr Trp Glu
        35   40   45
Leu Glu Pro Asp Gly Ala Leu Asp Arg Cys Pro Cys Ala Ser Gly Leu
    50   55   60
Leu Cys Gln Pro His Ser His Ser Leu Val Tyr Val Cys Lys Pro Thr
65   70   75   80
Phe Val Gly

<210> 7
<211> 79
<212> PRT
<213> Xenopus

<400> 7
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Phe Trp Ser Lys Ile Cys Lys Pro Val Leu Asp Glu Gly Gln Val Cys
            20   25   30
Thr Lys His Arg Arg Lys Gly Ser His Gly Leu Glu Ile Phe Gln Arg
        35   40   45
Cys His Cys Gly Ala Gly Leu Ser Cys Arg Leu Gln Lys Gly Glu Phe
    50   55   60
Thr Thr Val Pro Lys Thr Ser Arg Leu His Thr Cys Gln Arg His
65   70   75

<210> 8
<211> 79
<212> PRT
<213> Porcine

<400> 8
Cys Leu Asn Ser Ala Gln Cys Lys Ser Asn Cys Cys Gln His Asp Thr
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Ile Leu Ser Leu Ser Arg Cys Ala Leu Lys Ala Arg Glu Asn Ser Glu
            20   25   30
Cys Ser Ala Phe Thr Leu Tyr Gly Val Tyr Tyr Lys Cys Pro Cys Glu
        35   40   45
Arg Gly Leu Thr Cys Glu Gly Asp Lys Ser Leu Val Gly Ser Ile Thr
    50   55   60
Asn Thr Asn Phe Gly Ile Cys His Asp Val Gly Arg Ser Ser Asp
65   70   75

<210> 9
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Artificial Sequence = synthetic oligonucleotide

<400> 9
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<210> 10
<211> 18
<212> DNA
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<220>
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<400> 10
tgggcaagca aggacagg 18

<210> 11
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<400> 12
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gctaaggaat tgctattcat ggggtgcagg aagat 35